

MYCOLOGICAL SOCIETY
OF AMERICA
NEWS-LETTER

VOL. VII

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MYCOLOGICAL SOCIETY OF AMERICA
NEWS LETTER - MAY 1956

VOL. VII NO. 1

Edited by: Const. J. Alexopoulos

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I. THE PRESIDENT'S PAGE

To the Members of the
Mycological Society of America:

The forthcoming Annual Meeting of our society, to be held at Storrs, Connecticut under the auspices of the A.I.B.S., has a special significance this year because it marks the silver anniversary of the founding of the Mycological Society and the golden anniversary of its parent society, the Botanical Society of America.

As is explained in the following pages of this News-Letter, some special features are being planned to celebrate these two anniversaries, and the committees responsible are sparing no effort to make the Storrs meeting a memorable one.

As President of the Mycological Society of America, I urge all of you strongly to attend the meetings at Storrs, if at all possible, and help us celebrate our 25th birthday. I urge you also to attend the Mycological Society Foray, immediately preceding the meetings, and to take this opportunity to meet your fellow mycologists and botanists informally, and to collect in a region rich in fungal specimens.

With very good wishes, and with the hope that I shall see all of you at Storrs in August, I am,

Cordially yours,

Ralph Emerson
President

II. THE ANNUAL MEETING - 1956, STORRS, CONNECTICUT

A. Call for papers.

Forms have already been sent out and should be in the hands of all members by now. All titles should be in the office of the Secretary - Treasury by May 20. This date is final because the completed program must be received at Storrs by June 1, so that the Local Representative may meet the AIBS dead-line.

B. 25th Anniversary.

This is the 25th anniversary of the founding of the Mycological Society of America and the 50th of the Botanical Society.

The program will include the Presidential Address by President Ralph Emerson, and the Annual Address by an outstanding mycologist selected by a special committee. A symposium on "Some Contributions of Research in Microbiology to Fundamental Biological Problems" sponsored jointly by our Society and the Microbiological Section of the Botanical Society will be a special feature of this year's program. A 25th Anniversary Dinner has been suggested and may materialize.

Local arrangements for the Society are being made by Prof. G. S. Torrey.

C. Housing reservations.

The April and June issues of the AIBS Bulletin will contain information about Housing and Registration. An application form is included in this issue of the News-Letter, (Last page) for the convenience of our members.

III. THE ANNUAL FORAY - SARGENT CAMP - PETERSBOROUGH.

NEW HAMPSHIRE - AUGUST 23-26, 1956

Vice-President John R. Raper, who will be participating in the annual Symposium of the Society of Experimental Biology in North Wales at the time of the Foray, has asked Dr. I. Mackenzie Lamb, Director of the Farlow Herbarium to take charge of the Foray.

The Foray Committee has secured a sizeable conference room to be equipped with tables, chairs, and temporary wiring to provide outlet for microscope lamps and driers.

A few compound microscopes will be available, but it is recommended that anyone who can bring a microscope with him, should do so. The same is true for dissecting microscopes.

Because driers and other necessary equipment for the preservation of collected specimens present rather large problems on a group basis, the Committee has decided that these matters should be left to the initiative and responsibility of individual members.

Below is a detailed announcement by W. H. Camp, Chairman, Arrangements for Foray Headquarters. All who plan to attend the foray should read this announcement carefully and should contact Dr. Camp for reservations or for additional information:

ANNOUNCEMENT OF
HEADQUARTERS FOR SUMMER FORAYS

August 23 - 26, 1956

Officials of various of the groups usually holding forays before the regular AIBS sessions have signified interest in having a field headquarters where opportunity might better be afforded for renewing old and making new contacts with field workers from other regions and in other disciplines, as well as one located in a region where varied and rewarding field excursions might be held without the need of moving to new lodgings each day. Such a place has been located and reserved for our use.

Field headquarters for those groups participating: Sargent Camp, located in southern New Hampshire, 6 miles from the town of Peterborough. This permanent year-round camp is operated by Sargent College of Physical Education of Boston University, which has kindly extended its facilities for use of our group as general field headquarters for the various forays.

Facilities for groups: Lodging accommodations are mostly in rustic cabins, with space for over 350 people. A very few cabins can be arranged for families; the majority are small-unit dormitory type lodges. It therefore is advisable that married couples attending have such things as personal toilet articles in separate over-night kits. Modern sanitary facilities either are in the cabins or handily located near the cabin groups.

Two large dining halls are available. These can be converted to rooms for discussions or lectures, one holding over 200 people. Two other large conference rooms also are available for separate meetings of the various groups, or for discussions during the day should the weather prove unusually inclement.

Field work: Sargent Camp comprises over 600 acres, including a lake. The tract is on considerably varied terrain primarily with a mixed forest cover characteristic of that part of New England. Bounded by a fire-break, the Camp has an estimated 30 miles of interior trails offering access to all parts of the area. Additional aquatic habitats are available in a large Wildlife Refuge adjacent the Camp. The taking of specimens, away from the immediate vicinity of the headquarters buildings and in reasonable quantity for scientific purposes, will be permitted members of our groups.

For those wishing to examine ridge and higher elevation associations, Pack Monadnock Mt. is but 5 miles away with an auto road to the top. Those desiring more strenuous hiking will find Mt. Monadnock itself only about 10 miles distant; foot trails only go to the top, where plants of northern coniferous associations are reasonably abundant. Trips to more distant areas also are being planned.

The chairmen of the forays for the various societies participating will arrange for special group trips, both in the immediate area and in neighboring regions. Those groups making their headquarters at Sargent Camp will return each day in ample time for the evening meal and the special activities of interest to all.

Facilities for families and for recreation: Since the forays will occur just before the AIBS meetings and well before the opening of public schools, it is anticipated that some will bring their families along. There is a 25 acre playing field for the youngsters, and easy woodland trails immediately adjoin headquarters. The Camp lake has an excellent sandy beach, partly enclosed by a jetty and dock for

juvenile waders and inexperienced paddlers; farther out are diving rafts for expert swimmers. Arrangements have been made for an experienced life guard to be present at all times, and a trained nurse will be on duty in the Camp clinic. Row-boats will be available at no extra charge, and those demonstrating sufficient skill also can obtain canoes.

Meals: Ample hot breakfasts and evening meals will be furnished, family style, in the massive-beamed dining rooms, from well-equipped kitchens staffed by experienced camp chefs. A packed box lunch will be provided for the noon meal for all; those electing to stay in camp will be furnished a hot drink, with milk for the kiddies.

Bedding: The Camp provides bunks (or cots) and mattresses, but no other items. Therefore, each person attending must plan to bring his own pillow, bed linen, blankets, and personal toilet articles. Those coming by car will suffer no inconvenience. Those who will be coming by plane should communicate with the undersigned no later than July 1, in the hope that some arrangement can be made to supply the more bulky items for a nominal fee. It is to be understood that no arrangements can be made for such items on the eve of the foray or after arrival.

Cost: To cover the basic cost of lodging, meals, and extra facilities offered by Sargent Camp, a fee of \$19.50, payable on arrival, will be charged for the three days, plus a registration fee of 50 cents to cover mimeographing, postage and incidentals. Children old enough to sit at table will be charged the regular rate.

There is space for trailer parking, but no regular facilities for water and garbage disposal; therefore it is necessary that people in trailers arrange to take their meals with the others.

Limited facilities are available for campers bringing the necessary equipment. However, because of the wooded nature of the region open fires often are banned by the Fire-Wardens in August; therefore those hoping to camp out should plan to take their meals with the rest.

Those taking meals only will be charged \$5.00 per day. Those who cannot attend all days will be charged pro-rata for meals and lodging, each partial day being counted as a full day to avoid extra book-keeping.

Transportation: Most people will be coming by private car (a road map of the region will be mailed to all those participating). Those arriving by bus at Peterborough can easily come the 6 miles to Camp by private taxi. Those coming by plane would land at Keene, New Hampshire, about 20 miles distant, a regular stop of Eastern Air Lines, with bus service to Peterborough (or arrangements might perhaps be made by others attending the foray to meet planes if the time of arrival were known).

For transportation at the foray and on to Storrs for the AIBS meetings, it is anticipated that (as usual) there will be ample space in the cars of those attending for those few who will not have their own vehicles.

Preliminary program schedule: The groups will gather in the afternoon of Thursday, August 23, at Sargent Camp, in time for the evening meal, the first to be served. Those arriving earlier in the day will eat at Peterborough.

Each Society field chairman will make arrangements for the Friday and Saturday field activities of his group. One of the evenings Mr. Raymond D. Wood, A.R.P.S., photographer and field naturalist of note, has agreed to give us a showing of his superb Ektachromes of the New England flora, particularly of plants

not in flower at the time of the foray and also those of the higher mountains. Another evening, Dr. Hugh Raup, Director of the Harvard Forest, will be with us to discuss new concepts regarding the forest ecology of New England and also to give those attending something of the background of the work being done at the Forest. Other special events are under consideration.

On Sunday morning after breakfast, box lunches will be picked up and all may proceed by private car to Petersham, Mass. (41 mi.), where Dr. Raup and his associates will offer guided tours of Harvard Forest. In the afternoon the cars will proceed to Storrs, Conn. (67 mi.), in ample time for the AIBS registration and the evening meal.

Reservations for Sargent Camp: Because of the limit on facilities and the large anticipated attendance, it is imperative that registration be made well ahead of time. These will be filed in order of receipt to the limit of capacity. Beyond this, every attempt will be made to locate adequate lodging in the vicinity of Petersborough and Sargent Camp; notification will be given should this be necessary, together with the address and rate. All those intending to participate in the activities centering at Sargent Camp please furnish the undersigned with the following information:

- 1). Name and address.
- 2). Number in party if not alone, and sex.
- 3). Method of transportation to foray. (If by private car, would you be willing to furnish transportation for others at the foray and also on to the AIBS meetings at Storrs? If so, for how many?)

Please furnish the above information, on or before July 1st to:

W. H. Camp
Botany Department
University of Connecticut
Storrs, Connecticut

(Chairman, arrangements for foray
headquarters.)

IV. ELECTION OF OFFICERS

Nomination blanks for 5 offices in the Society have been mailed out with the call for papers. Your Secretary hopes that you will take the time to nominate members of your choice for these offices. The response in the past has not been very great. Please send in your nominations by May 20 so that ballots may be mailed by June 1.

V. MEMBERSHIP

As of April 15, 1956, the membership of the Society including applications on hand to be presented for election in August, was constituted as follows:

Life Members	6
Regular Members	669
Associate Members	11
Emeritus Members	10
Corresponding Members	3
Sustaining Members	15
Affiliated Societies	4
	718

That is a bright picture, but a dark picture also hangs in the treasurer's gallery. One-hundred ten of you have not paid 1956 dues as yet. If you are one of them, please send in your check immediately! When the new Secretary-Treasurer takes over in September, he ought to start with a clean slate. Won't you please cooperate?

You can also help the Society by enrolling one or two new members. Application cards are available at the Secretary's office. Write for some.

VI. MYCOLOGICAL SOCIETY FELLOWSHIP

The Research Grants Committee of the Mycological Society of America takes pleasure in announcing that it has selected Mr. Lennart Holm of the Institute of Systematic Botany of the University of Uppsala, Uppsala, Sweden, as the recipient of the Mycological Society Graduate Fellowship for 1956-1957. As alternate for the fellowship we recommend Mr. Moshe Shifrine, Department of Food Technology, University of California, Davis, California.

Research Grants Committee

Mycological Society of America

Gladys E. Baker, Chairman

VII. MYCOLOGICAL PUBLICATIONS

A. New Publications.

1. The First Bulletin of the "International Society for Human and Animal Mycology" appeared in March 1956. All inquiries should be made to Dr. R. VanBreuseghem, General Secretary of the Society, Institut de Medecine

Tropicale, Antwerp, Belgium.

2. In Press: Loquin, M., A. Zolicard, and A. Bessis. General Treatise on Microscopy. (Possibly, May 1956).

B. Publications Offered for Sale.

1. Annual Review of Plant Physiology, Vols. 1-6 (1950-1955). New condition. Price \$5.00 per volume. F. W. Holmes, Shade Tree Laboratories, University of Massachusetts, Amherst, Massachusetts.

2. Phytopathology, Vols. 1-45 complete with 30 year index. (Vols 1-11 bound). Price \$250.00 F.O.B. Beltsville, Md. A. G. Johnson, 3408 Rodman Street, N. W., Washington 8, D.C.

C. Publications Wanted.

1. Butler, E. J. Fungi and Disease in Plants. 1948.
Wanted by: M. W. Gardner, Dept. of Plant Pathology, University of California, Berkeley, California.

2. Faull, J. H. The Biology of Milesian Rusts. Arnold Arboretum Journal 15: 50-85. 1934.

3. Jackson, H. S. Present Evolution and the origin of life cycles in the Uredinales. Mem. Torrey Bot. Club, 18: 1-108. 1931.

Both 2 and 3 wanted by: W. G. Ziller, Forest Biology Lab., 409 Federal Bldg., Victoria, B. C., Canada.

4. Kauffman - Agaricaceae of Michigan. A number of copies wanted by: A. H. Smith, University Herbarium, Ann Arbor, Michigan.

5. Phytopathology Vol. 35, 1945, complete.
" Vol. 36, 1946, complete.
" Vol. 4, No. 4, August 1914.
" Vol. 20, title page and index, 1930.
" Vol. 28, No. 10, October 1938.

Wanted by John R. McGrew, Fruit and Nut Crops, Plant Industry Station, Beltsville, Maryland.

6. Rostafinski - Sluowce (Mycetozoa)
Wanted by: Marcel Loquin, 14 rue de Buffon, Paris 5, France.

7. Sydow. Monographia Uredinearum
Wanted by: Jorge E. Wright, Div. de Fitopatologia, Paseo Colon 922, 4º piso, Buenos Aires, Argentina.

8. Thom and Raper - Manual of the Aspergilli
Wanted by: A. L. Welden, Dept. of Botany, Tulane University, New Orleans, Louisiana.

VIII. RESEARCH MATERIALS AND FUNGAL CULTURES

A. Cultures available for distribution on request:

Cultures available from the Northern Utilization Research Branch. White yeasts which produce pigmented hybrids. Saccharomyces lactis NRRL Y-1140 is a heterothallic haploid strain and Zygosaccharomyces ashbyi NRRL Y-1598 is a homothallic, predominantly haploid strain. Approximately equal volumes of cells from slant cultures are mixed in the center of a slant by a loop, then the mixture is spread over the surface of the slant. The mixture is serially transferred at weekly intervals. The third or fourth serial transfer, when streaked on plates, will yield red colonies of hybrids and white colonies of the parents. The red pigment is pulcherrimin. The medium used is YM agar (3 grams each of yeast extract and malt extract, 5 grams of peptone, 10 grams of glucose, and 20 grams of agar per liter of distilled water. The pH is not adjusted). The temperature of incubation is 25° C.

The hybrids may be confirmed biochemically. Saccharomyces lactis assimilates maltose, but not inulin, Zygosaccharomyces ashbyi assimilates inulin, but not maltose, and the hybrids assimilate both carbon sources.

Because of the striking difference in color of the colonies of parents and hybrids, this procedure is recommended for classroom use.

Sporulating strain of Cercospora musae Zimm. (asexual stage of Mycosphaerella musicola Leach)

Culture available from Thomas Theis, Fed. Exp. Station, Mayaguez, Puerto Rico.

Eyssochlamys nivea Westl. (Ascomycetes, Gymnoascaceae). (Syn. Arachniotus trisporus Hots.) Cladonia cristatella Tuck. (lichen-forming ascomycetes, Cladoniaceae). Contact: I. Mackenzie Lamb, Farlow Herbarium, 20 Divinity Ave., Cambridge, Massachusetts.

Cultures of 29 different races of wilt Fusaria which were found to be virulent in tests conducted within the past few months. Contact: G.M. Armstrong, Clemson College, South Carolina.

B. Cultures, Material, Information Wanted:

1. Cultures of Piptocephalis. Contact: H. L. Barnett, Dept. of Plant Pathology, West Virginia University, Morgantown, West Virginia.

2. Cultures of wilt Fusaria isolated from aster, bean, potato, and Sweet William. Contact: J. K. and G. M. Armstrong, Clemson College, Clemson, South Carolina.

3. Cultures of fungi known to attack lignin; accompanied by pertinent data. Contact: Wm. Bridge Cooke, Robert A. Taft Sanitary Engineering Center, 4676 Columbia Parkway, Cincinnati 26, Ohio.

4. Cultures of different species and strains of Cephalosporium.
Wanted by: Michael A. Pisano, St. John's University, 75 Lewis Avenue, Brooklyn 6, New York.

5. Collections of Tulostoma from the Pacific Islands, the Near and Far East, and Africa, both identified and unidentified, shall be gratefully welcome towards the prosecution of a world monograph. These areas are poorly represented in most herbaria.

Wanted by: Jorge E. Wright, Head - Mycological Section, Division de Fitopatologia, Paseo Colon 922, 4º piso, Buenos Aires, Argentina.

6. Information concerning use of sewage in irrigation practice will be appreciated by Dr. Wm. B. Cooke. This may be reported confidentially to him to his home address: 1135 Wilshire Ct., Cincinnati 30, Ohio. It appears plant pathogens may be inoculated into soils in this way.

IX. MYCOLOGICAL INSTRUCTION IN THE SUMMER OF 1956

(See also December 1955 issue of this News-Letter)

Duke University - Durham, N. C.

Medical Mycology - July 2-28, 1956. Dr. N. F. Conant

Iowa Lakeside Laboratory - Lake Okaboji, Iowa.

Field Mycology (5 sem. hrs.) July 16 - August 17, 1956. Dr. Lois Tiffany, Dept. of Botany, Iowa State College.

University of Michigan - Ann Arbor campus.

Morphology of Fungi. Dr. L. E. Wehneyer

University of Michigan Biological Station - Douglas Lake, Michigan

Excellent opportunity for field studies in mycology with financial aid, during the summer of 1956 is provided at the University of Michigan Biological Station. A course and research under the direction of Prof. F. K. Sparrow of the University of Michigan, as well as facilities for independent research by mature mycologists will be offered from June 23 to August 18. In addition, courses and research on flowering plants, aquatic flowering plants, bryophytes, algae, lichens, plant ecology, and limnology, and on the biology of terrestrial vertebrates, birds, fishes, insects, helminth and protozoan parasites, and other invertebrates will be conducted by distinguished faculty members in these several fields.

Through the generosity of the National Science Foundation, financial aid will be available to about 20 applicants, irrespective of field of interest.

For further information, address Biological Station, University of Michigan, Ann Arbor, Michigan.

Pennsylvania State University - University Park, Pennsylvania.

Mushroom Industry - Short course. July 9-12, 1956. 16 lectures. Apply to David R. McClay, Director of Short Courses, College of Agriculture, Penn. State University, University Park, Pennsylvania.

X. ANNOUNCEMENTS OF GENERAL INTEREST

National Index of Fungus Cultures

In January 1956 the National Academy of Sciences - National Research Council, acting through its Advisory Board on Quartermaster Research and Development, established a Committee on the National Index of Fungus Cultures. Mycologists who are serving on this committee are Prof. W. H. Weston (chairman), Dr. C. W. Emmons, Dr. C. W. Hesseltine, Mr. J. A. Stevenson, and Dr. F. A. Weiss.

The committee is acting in an advisory capacity to the mycological staff of the Taxonomic Microbiology laboratories, Pioneering Research Division, Quartermaster Research and Development Center, Natick, Mass. The first meeting of this group was held 23 February, 1956 at the Quartermaster R. and D. Center.

The Index is being established to serve as a central national file for use in locating fungus cultures and information on them. It will be an aid not only to the defense program but also to mycologists in general. The Index is at present in its formative stages. The initial accessioning of information is expected to extend over a period of two or three years. When the Index reaches an operating level, a full description of the types of information available will be published.

The Board of Trustees of the American Type Culture Collection has made arrangements to purchase an old residence that is to be converted into laboratories, office space, and housing for the collection.

Members of the Departments of Botany and Plant Pathology-Entomology, University of Rhode Island will welcome a visit to Kingston by mycologists and their families attending the annual meeting of the Society at Storrs, Connecticut, next September. The seashore, woods and ponds may have some attraction. The Botany Dept. is now in new quarters in Ranger Hall.

John R. Hansbrough, of the Northeastern Forest Experiment Station, has been named Chief of the Division of Forest Disease Research at Washington, D. C., the U. S. Forest Service announced. He succeeds Lee M. Hutchins, who retired December 31, 1955.

The Division of Forest Disease Research, together with the Division of Forest Insect Research, Pacific N. W. Forest Experiment Station, cooperated in a short course on Forest Insects and Diseases at the University of Washington College of Forestry during the week March 20-23, 1956. The session was primarily a refresher course for practising foresters in the Pacific Northwest. Attendance was limited to 40 persons.

For the first time since Spegazzini undertook to teach in 1925 a short course in Mycology, a general course is being offered at the Faculty of Sciences, University of Buenos Aires. Duration, one semester starting in April. Prof. J. C. Lindquist, the rust specialist, and Mr. J. E. Wright will be in charge.

The following have been elected officers of the Chicago Medical Mycological Society: Dr. George H. Scherr, Ass't Prof. of Bacteriology, The University of Illinois, College of Medicine -- President. Miss Shirley McMillen, Mycologist, Hektoen Institute for Medical Research -- Vice President. Miss Mary Turner, Senior Bacteriologist, Hospital Labs., Research and Educational Hospitals, University of Illinois, -- Secretary.

The following graduate students from abroad are being trained at the Department of Plant Pathology, University of California:

Hassan Suliman Abu-Salih -- On Fellowship, Ministry of Agriculture, Sudan.
Theodosios Christou, Nicossia, Cyprus -- On Fellowship from the Greek Govt.
Nabih El-Gholl, Beirut, Lebanon -- On Fellowship from Lebanese Govt.
Kenneth C. McOnie, Transvaal, S. Africa -- On Fellowship from the Citrus
Growers Association.

The Lalor Foundation announces that 2 of the 41 Faculty Summer Research Awards in the Biological Sciences for 1956 were in mycology. The Successful candidates were:

John Hall Richards
Alfred Sussman

Harvard University
University of Michigan

Biochemical Mycology
Mycology

XI. VISITING SCIENTISTS

Dr. Const. J. Alexopoulos visited Dr. Ziegler's laboratory at Florida State University in March.

Dr. A. Birch-Andersen from the State Serum Institute, Copenhagen, Denmark, is visiting for 3 months at the Department of Bacteriology and Immunology, University of Western Ontario, London, Ontario on a grant from the National Research Council of Canada.

Prof. Paulo Azeved, Faculty of Medicine State of Para, Brazil, is doing research as a visiting investigator for two months at the Institute of Mycology of the University of Recife, in Pernambuco, Brazil.

Prof. Raffaele Ciferri of Italy has been working at the same institute since February, doing research on tropical fungi and giving instruction in Medical Mycology.

Prof. W. H. Burkholder, College of Agriculture, Cornell University, Ithaca, N.Y. was a recent guest in the home of Prof. and Mrs. A. J. Mix and the Botany Department, University of Kansas, Lawrence, Kansas.

Mrs. Irma Gamundi de Amos has spent three months in England, studying type material of Operculate Discomycetes at the Herbarium, Royal Botanic Gardens, Kew. She is at present undertaking the study of this group for South America.

Dr. C. W. Dodge of the Missouri Botanical Garden paid a short visit to the University of Michigan Herbarium during the Christmas holidays.

Dr. E. L. Dulaney (Merck, Rahway, New Jersey) is at NRC's Prairie Regional Laboratory, Saskatoon, Sask., on a Post-Doctorate Fellowship.

Dr. C. W. Hesseltine, Fermentation Laboratory, Peoria Ill. visited the Farlow Herbarium in March 1956.

Dr. J. Lodder of Holland is spending three months in the Northern Utilization Research Branch U.S.D.A. working with Dr. L. J. Wickerham on the Taxonomy, sexuality, and genetics of yeasts. She expects to remain here until about April 10-15, and then spend three months at the University of Washington at Seattle.

Dr. Josiah H. Lowe, College of Forestry, Syracuse, N. Y. visited the Farlow Herbarium in January. From January 23 to February 4, he worked in the National Fungus Collection at Beltsville. Dr. Lowe is preparing a Monograph of North American species of Fomes.

Dr. Merfyn Richards completed a term of post-doctorate fellowship at the National Research Council (Canada) Prairie Regional Lab. and is in Rome for one year before returning to Great Britain.

Dr. Joyce Riker, Dr. Robert Patton and Dr. Wm. Kuntz of the Department of Plant Pathology, University of Wisconsin, visited the University of Michigan Laboratory of Pathology in Forest Practice for an inspection trip to the forest plantations near Ann Arbor.

Dr. A. A. Rodenhiser, Head of Section of Cereal Crops ARS-USDA- visited the Federal Experiment Station, Mayaguez, Puerto Rico on March 5-12 in regard to cooperative studies on wheat rust.

XII. RECENT APPOINTMENTS

Dr. Lucas Calpouzos, a new member of Plant Pathology Dept. of the Federal Experiment Station, Mayaguez, Puerto Rico, arrived June 30, 1955. Formerly at Harvard University, he obtained the Ph. D. degree in June, 1955 under Prof. W. H. Weston, Jr.

Dr. A. C. Goheen of ARS, USDA, formerly at Beltsville, Maryland, where he worked on nematode problems of strawberries, has transferred to the Grape Station at Fresno, California, where he will be working on grape virus diseases .

Dr. Paul Holliday was appointed to the Colonial Pool of Plant Pathologists, Commonwealth Mycological Institute, Kew, England. He left England in September 1955 to investigate a root disease of Piper nigrum black pepper (the cause of which is unknown) in Sarawak.

Dr. Arthur G. Kevorkian, Agriculturist is now Agricultural Economist, Chief, Latin American Analysis Branch, Foreign Agricultural Service, U. S. Department of Agriculture, Washington, D. C.

Dr. E. E. Leppik, Professor of Biology at the Augustana College, Sioux Falls, S. D., joined (Oct. 1955) The Hormel Research Institute of the University of Minnesota, Austin, Minn.

Dr. Clive A. Loos, Formerly Pathologist, Tea Research Institute, St. Coombs, Talawakelle, Ceylon, was appointed Research Associate at the Rhode Island Agricultural Experiment Station, as of April 1, 1956.

Dr. H. S. MacWithey who received his doctor's Degree at Iowa State College, March 17th, has accepted a position as assistant professor in the Department of Botany and Bacteriology at Montana State College, Bozeman, Montana.

Dr. Michael A. Pisano of St. John's University, Brooklyn, N. Y. has recently been added to the staff of Mt. Sinai Hosp. (N.Y.C.) as Research Assistant in the Microbiology Division.

Dr. Norman C. Schenck, from the Department of Plant Pathology, University of Illinois, Urbana, Illinois, has been appointed Assistant Plant Pathologist in the watermelon and grape investigations Laboratory, Leesburg, Florida.

Dr. George J. Stessel joined the Department of Plant Pathology and Entomology of the University of Rhode Island as Assistant Research Professor, on April 1, 1956. He was formerly Plant Pathologist with the Hercules Powder Company, Agricultural Chemicals Laboratory, Wilmington, Delaware.

Dr. A. F. Szczawinski was appointed Botanist and Curator of the Herbarium at the Provincial Museum, Victoria, B. C.

Mrs. Claire L. Taschdjian has left the New York Skin and Cancer Unit and joined the staff of the Pediatrics Department, Maimonides Hospital of Brooklyn, to collaborate on a research project concerning the incidence and treatment of oral thrush in newborn babies. Address: c/o Surgical Research Laboratories

Maimonides Hospital
10th Avenue & 49th Street
Brooklyn 19, New York

Dr. Edmund E. Tylutki (Ph. D. December 1955, Michigan State University) was appointed temporary assistant professor at Washington State College, Pullman Washington, to replace Dr. C. Gardner Shaw who is on sabbatical leave during the spring semester.

Dr. A. L. Welden (Ph. D., State University of Iowa) recently joined the Department of Botany, Tulane University, New Orleans, Louisiana.

XIII. RECENT PH. D'S IN MYCOLOGY AVAILABLE FOR POSITIONS

This Section of the News-Letter is presented as a service to our younger members who are available for teaching or research positions. Recipients of this News-Letter are urged to bring this Section to the attention of the administrative officers of their departments.

<u>Candidate</u>	<u>Specialty</u>	<u>Major Professor</u>	<u>Candidate's Present Address</u>
1. H. E. Bigelow	Agaricaceae	A. H. Smith	Dept. of Botany Univ. of Michigan Ann Arbor, Mich.
2. H. A. Imshaug	Lichenology	E. B. Mains	Dept. of Botany Univ. of Idaho Moscow, Idaho
3. Ch. Martin	Marine Phycomycetes	W. H. Weston	Dept. of Biology Harvard University Cambridge, Mass.
4. Samuel Ringel	Physiology of Fungi Industrial Mycology	E. S. Beneke	Dept. of Botany Mich. State Univ. E. Lansing, Mich.
5. W. V. Showalter	Fungal pigments	N. M. McClung	Dept. of Botany Univ. of Kansas Lawrence, Kansas
6. Bernard Sloan	Genetics of Ascomycetes	C. J. Alexopoulos G. B. Wilson	Dept. of Botany Mich. State Univ. E. Lansing, Mich.
7. Edmund E. Tylutki	Genetics of Ascomycetes	C. J. Alexopoulos G. B. Wilson	Dept. of Pl. Path. Wash. State College Pullman, Wash.

XIV. VACANCIES FOR MYCOLOGISTS

1. Position in Microbiology and Botany. September 1956. Department of Biology, Women's College, University of North Carolina, Greensboro, N. C. Probably at the Assistant or Associate Professor level. Contact Dr. V. M. Cutter, Head.

2. Research Assistantship. Department of Botany, Michigan State University, East Lansing, Michigan. Probably beginning July 1, 1956. Applicant must have a good background in Chemistry; B. S. or M. S. degree; preferably a major in Mycology. This is a half-time appointment and will probably carry a stipend of \$2200.00. Write to Dr. E. S. Beneke.

3. Research Assistantship. Department of Botany, Duke University. Stipend \$1500.00 of each 3 years for a Ph. D. candidate or \$1800.00 for each of two years for a Master's candidate. Additional compensation for summer work at the marine station. Candidate is expected to work on some phase of marine mycology.

XV. OTHER NEWS ABOUT MEMBERS

Dr. Const. J. Alexopoulos presented an invitation Lecture entitled "Gelasinospora calospora - a Fungus With a Future" to the State University of Iowa chapter of Sigma Xi on January 25, 1956. On February 29, he gave a talk to the Michigan State University chapter of Sigma Xi under the title "Mutation in the homothallic Gelasinospora calospora." On March 22, 1956 he presented a paper to the Michigan Academy of Science, Arts, and Letters entitled: Three new species of Myxomycetes from Greece. This paper was read to the Academy by Dr. E. A. Bessey during the season's heaviest snowstorm while Alexopoulos was basking in the sun in Florida.

Prof. A. Chaves Batista and Prof. Oswaldo Goncalves de Lima have been awarded the "Medal of the University of Pavia" (Italy) for their research in mycology and antibiotics.

Dr. Dow V. Baxter spent his 16th field season (1955) in Alaska. Most of the collecting was done back in the Karluk Lake Country on Kodiak Island.

On November 9 and 10, 1955 Dr. E. S. Beneke displayed a scientific exhibit on Mycotic Infections of Man at the 9th Annual Postgraduate Clinic of the Michigan Academy of General Practice. On March 22, 23, and 24, 1956, Dr. Beneke served as chairman of the Botany Section of the Michigan Academy of Science, Arts, and Letters at the annual meeting held at the University of Michigan.

Dr. Donald C. Collins gave two talks recently, as follows: November 18, 1955, before the Southwestern Medical Society, Phoenix, Arizona on "The role of histoplasmosis in colonic disease. April 24, 1956, before the Annual Convention of the International Academy of Proctology (Chicago) on "Histoplasmosis and the colo-proctologist."

Dr. Collins is scheduled to talk on "Histoplasmosis and the aged" before the American Geriatrics Society at the Palmer House in Chicago on May 3, 1956, and on "Histoplasmosis and the gastroenterologist" before the American College of Gastroenterology, at the Hotel Roosevelt in New York City on October 15-20, 1956.

Dr. Wm. Bridge Cooke gave two papers in the Seminar on Biological Problems in Water Pollution. He spoke on: "Problems in indentification of Microorganisms" and on "Use and value of fungi as biological indicators of pollution." Dr. Cooke also participated in a panel discussion on "The Use and Value of Biological Indicators of Pollution." These discussions, held on April 23-27, 1956 were sponsored by the Robert A. Taft Sanitary Engineering Center, U.S.P.H.S., Cincinnati, Ohio.

Dr. Bowen S. Crandall received the meritorious service citation of I.C.A. Dept. of State in November, 1955 for outstanding accomplishments in Plant Pathology.

Dr. Edward D. DeLamater presented an invitation paper entitled, "Bacterial Chromosomes and Their Mechanism of Division" at the Symposium on Visible Structures of the Bacterial Cell, sponsored by the Society for General Microbiology in London, England, April 10-12, 1956. He is also scheduled to present an invitation paper entitled, "The Social Implications of Sex in Microorganisms", before the Purdue Microbiological Institute, Purdue University, Lafayette, Indiana, on June 6, 1956.

As an Honorary Consultant to Naval Medical Research Unit #3, Dr. Chester W. Emmons recently visited Cairo for a review of the research program of that Unit and of certain mycological aspects of public health problems in Egypt. He also participated in the Sixth Middle East Medical Assembly held in Beirut April 7-8

Dr. Charles J. Feldman received an "Incentive Award" from the U. A. Administration for suggestions to the committee.

Dr. Herbert Hasenclever of the Department of Bacteriology, State University of Iowa was promoted from Instructor to Associate.

Dr. Chester Leathers, a former graduate student in mycology at the University of Michigan currently in the Army, has been assigned to Fort Detrick, Maryland where he is continuing his service in biological research.

Dr. Seth S. Mizuba, who finished his Ph. D. in Mycology during the Winter Quarter at Michigan State University, has been working as a microbiologist at Bauer and Black Research Division, 2400 S. Dearborn, Chicago 16, Illinois, for the past 6 months.

Dr. Haig P. Papazian addressed the Division of Mycology, New York Academy of Science on January 27, 1956. His title was "Sex and Cytoplasm in the Fungi."

On February 6, 1956, Dr. Martin A. Rosinski of the University of Maine gave a television talk entitled "Fungi; their nature and importance to man." This was one in a departmental series entitled: "Living with Plants."

Dr. S. B. Salvin addressed the Division of Mycology, New York Academy of Science on February 24, 1956. His title was: "Acquired Resistance in Experimental Histoplasmosis."

Dr. R. Singer is actively engaged in the mycological exploration of the northern jungle of Bolivia. He expects to return back to the Lillo, Institute by May.

Leave has been granted to Dr. Alexander H. Smith for field work on western fleshy fungi for the period from June 10, 1956 to Jan. 30, 1957. The expedition is financed by means of a grant from the National Science Foundation.

Prof. F. K. Sparrow is on a sabbatical leave at Cambridge University in England.

Dr. Roderick Sprague has accepted the assignment of Associate Editor, Phytopathology.

Dr. Harry D. Thiers who received the Ph. D. from the University of Michigan working under the direction of Dr. A. H. Smith, (Doctoral Dissertation: Agarics of Eastern Texas) was promoted to Associate professor in the Biology Department, Texas A. & M. College effective Sept. 1, 1956.

Drs. G. B. Wilson and Const. J. Alexopoulos presented a paper to the Michigan Academy of Science, Arts, and Letters, entitled: "Segregation of a spontaneous mutation in the homothallic Gelasinospora calospora." The paper was given by Dr. Wilson.

Dr. Frederick T. Wolf delivered his Presidential address to the Tennessee Academy of Science at the Annual Meeting and Dinner held at Cookeville, Tenn. on December 2, 1955. The title of his address was: "Plant hormones and Parasitic Fungi."

W. G. Ziller was recently granted the Ph. D. degree by the University of Toronto, with a major in Mycology. His thesis topic was: Life history studies of British Columbia tree rusts.

XVI. MARRIAGES AND BIRTHS

Dr. Merritt R. Nelson, Research Assistant in the Department of Plant Pathology, University of Wisconsin, and Miss Nancy R. Wotell were married in Madison on January 29, 1955. Both did undergraduate work at the University of California at Berkeley, he in plant pathology, she in child development.

Mr. A. R. Teixeira, of the Instituto de Botanica, Sao Paulo, Brazil, on his return from England, where he went for a six months period to work in morphology of polypores with Dr. E. J. H. Corner, was married to Miss Beulah Coe, a phanerogamist working at the same institution, mainly with Lauraceae. They were married on the 24th of December, 1955.

A daughter, Nancy Carol Converse, was born on November 6, 1955 to Dr. and Mrs. Richard A. Converse (Dept. of Botany & Plant Path., Oklahoma A. & M. College, Stillwater, Oklahoma).

John Robert, their first child, was born to Mr. and Mrs. Charles Feldman on November 5, 1956.

A third son, Glenn Robert, was born on January 25, 1956 to Dr. and Mrs. J. W. Gerdemann.

Dr. Roderick Sprague announces the birth of a grandson, Douglas Bruce Rutherford, third child of Arda (Sprague) and Lt. Bob Rutherford.

XVII. IN MEMORIAM

Albert Reiff Bechtel
1882-1956

Word has reached us from Wabash College, of the death of Dr. Albert R. Bechtel early in January, 1956. Dr. Bechtel was a member of the Society for many years. He was elected to Emeritus Membership in 1954.

Donald Channing Buckland
1917-1956

Dr. Buckland, Professor of Forest Pathology at the University of British Columbia died on February 15, 1956. Dr. Buckland was not a member of the Mycological Society, but was known to many of our members who will be sorry to hear of his death.

Prof. P. Redaelli

Prof. Redaelli, head of the Pathological Institute of the University of Milano and president of the International Society for Human and Animal Mycology died in Forio d'Ishia on October 25, 1955. He was 58 years old.

Cornelius Lott Shear
1865-1956

Dr. C. L. Shear, second President of the Mycological Society of America, died on February 2, 1956 at the home of his daughter in Monroe, Louisiana after a long illness. He was in his 91st year. A biographical sketch will be prepared for publication in Mycologia.

XVIII.. OUR SUSTAINING MEMBERS

On April 15, 1956 the commercial concerns which were supporting the work of the Society by continuing their Sustaining Membership, were as follows:

Abbott Laboratories
American Cyanamid Co. - Lederle Laboratories Division
Baltimore Biological Laboratories, Inc.
Ben Venue Laboratories, Inc.
Buckman Laboratories, Inc.
CIBA Pharmaceutical Products, Inc.
Difco Laboratories, Inc.
E. I. DuPont de Nemour & Co.
Lilly Research Laboratories
Nuodex Products Co., Inc.
Ortho Research Foundation
Chas. Pfizer & Co., Inc.
Squibb Institute for Medical Research
Standard Brands, Inc.
Arthur H. Thomas Co.

The dues derived from Sustaining Membership are used to pay the stipend of the newly established Fellowship in Mycology (See page 14 of the December 1955 issue of this News-Letter and page 6 of this issue), to finance the publication of MYCOLOGIA-MEMOIRS, and to pay the honorarium for the Annual Lecture. Without the support of our Sustaining Members, these worthy activities could not be carried out.

The American Cyanamid Company announces:

Mr. Frisis Danga, formerly of the Commercial Solvents Corp., Terre Haute, Indiana, has joined the Research Division of the American Cyanamid Co., Lederle Laboratories, Pearl River, New York.

Miss Marjorie Swift has transferred from the Fine Chemicals Division of American Cyanamid Co., Princeton N. J. to the Research Division of American Cyanamid Co., Pearl River, New York.

The following have joined the research staff of the Squibb Research and Development Laboratories:

Dr. Ralph E. Bennett formerly of the University of Pennsylvania has been appointed Head of the Department of Microbial Biochemistry.

Dr. Glenn E. Peterson, formerly of the University of Houston, has been appointed Research Associate in the Microbiological Pilot Plant.

Dr. Allen I. Laskin has been appointed as Research Associate in the Assay and Strain Development Department.

XIX. OUR AFFILIATED SOCIETIES

Four mycological Groups are affiliated with our society:

Boston Mycological Club
Cercle des Mycologues Amateurs de Quebec
Mycological Society of San Francisco
Oregon Mycological Society

The following News-Letter dated January 1956 was received from the Boston Mycological Club:

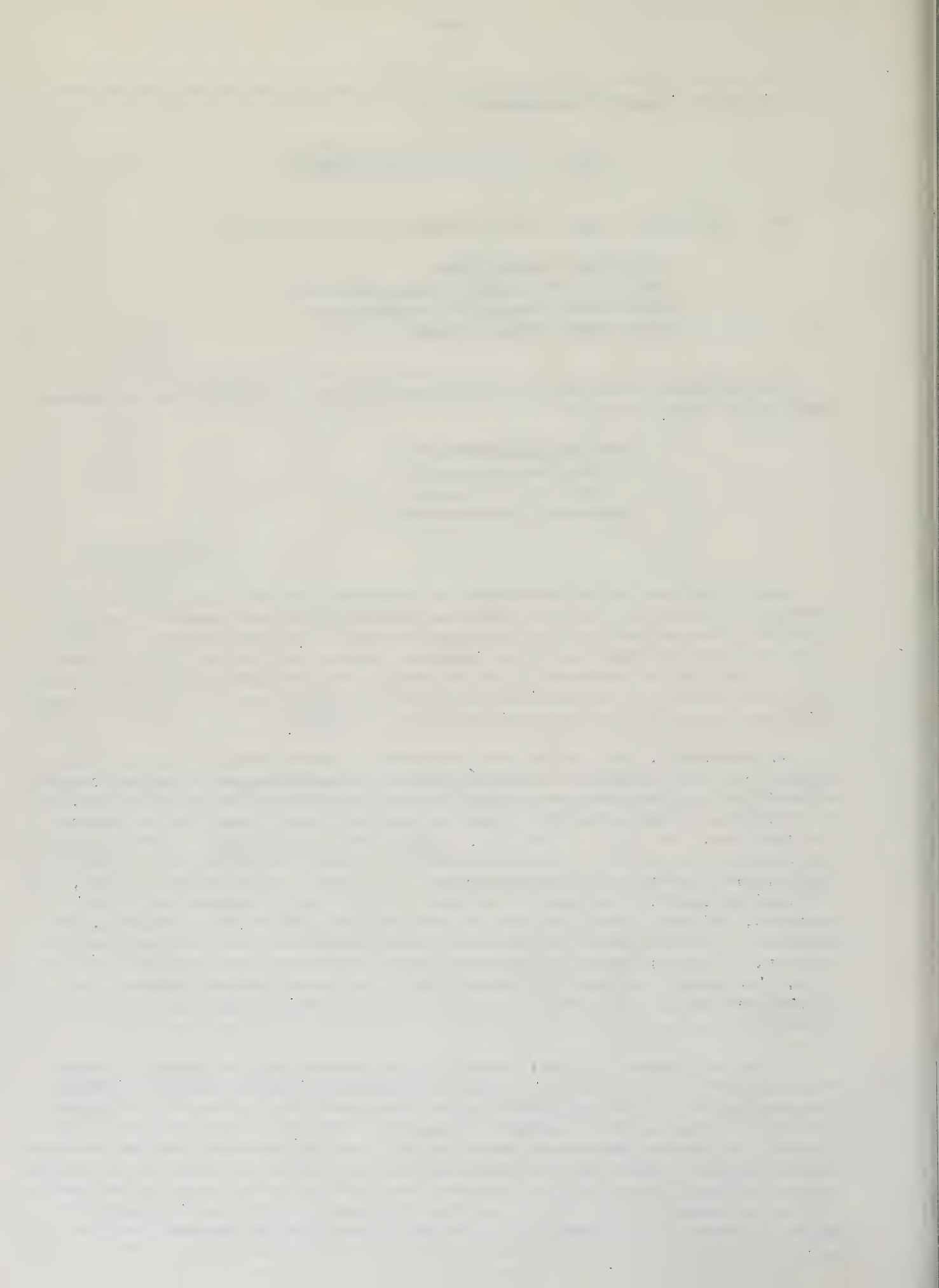
BOSTON MYCOLOGICAL CLUB
Farlow Herbarium
20 Divinity Avenue
Cambridge, Massachusetts

January 1956

Like 1954, the collecting season for mushrooms for the year 1955 was much better than average. Our walks were well attended and were generally quite fruitful. Later there will be published for use in the coming season a check list of mushrooms found last year (perhaps combined with a list of specimens on file in the club's herbarium). Already this season we have had a report from Mr. Walter Osgood, a club member, of Pleurotus ostreatus and Collybia velutipes found on January 12, on trees near his home in Malden.

On December 5, 1955 at the club quarters in Farlow, Mrs. Lewis, our president, in introducing Mrs. Kral, our expert on mushroom preserving and cookery, recommended that the best mushrooms for preserving are young, fresh, clean, and if possible, picked early before any wilting has taken place. In the course of her talk Mrs. Kral told us that while Hygrophorus flavodiscus is better peeled and sliced if it is to be dried, in cooking it fresh it should not be peeled. Furthermore, contrary to previous report, puff balls, if peeled and sliced, can be dried successfully either in the sun or in the oven. Boleti, Lepiotae, Clavaria, and the oyster mushroom improve in flavor in drying. Then Mrs. Kral proceeded to make a delicious mushroom-potato chowder for the nineteen members present. Dried and ground Boletus edulis and the oyster mushroom are best for this. The result certainly indicated that to be true. Members wishing the ingredients of the dried mushroom and herb mix for the chowder may have them by writing the secretary.

We are all grateful to Mr. Wasson, a club member, who on January 6, came from New York to introduce us and the New England Botanical Club to a new and fascinating subject, Ethno-Mycology, the relationship of the worship of certain mushrooms to the early development of mankind. Though the subject, as he indicated, may have a much wider scope, he confined his review to his own research concerning the subject and experience with it in Mexico. He demonstrated to us how this worship, mentioned and pictured unfavorably by the Spanish missionaries of the sixteenth century, still persists as a secret religious rite among primitive Indians, a rite which he was not only privileged to see but also permitted to take part in. This demonstration was vividly illustrated with



colorful slides. The mushroom involved was a Panaeolus, although it was suggested that certain Conocybes and Stropharia are sometimes used. Certainly the more than one hundred present experienced a tantalizingly thrilling evening. On his next excursion, he hopes to record the sounds of the ceremonial chant of the rite. We hope strongly for his success and look forward eagerly to hearing the result. Thank you Mr. Watson.

It is our unhappy duty to inform the club of the accidental death, January 14, of two of our younger and most promising members, Mr. Norman P. Gaudet and Mr. Jens P. Wheaton. They will be sorely missed.

Through Le Cercle des Mycologues Amateurs de Quebec, we learn that Dr. Fernand Montreuil is president of Le Cercle des Mycologues de Montreal.

CALENDAR

February 6: Photograph Meeting

Farlow, 7:30 P.M.

Leader: Mr. Ballou

Presentation of colored slides of mushrooms. Will any members who have slides please bring them to show at this meeting; or if they cannot attend, will they please send such slides to Mr. Ballou, who will see that they are returned safely.

March 11-17: Spring Flower Show. Mechanics Building, Boston.

March 19: Annual Banquet. Speaker: Dr. Kenneth A. Harrison of the Plant Pathology Laboratories, Province of Nova Scotia. Subject: "Mycological Explorations in the Province of Nova Scotia." More details later.

Mrs. Walter J. Shea, Corresponding Secretary
97 Allston Street
West Medford 55, Massachusetts

Mrs. Ervin H. Lewis, President
163 Shelton Road, Post Island
Quincy, Massachusetts

Mr. Julian W. Ballou, Treasurer
Attawan Road
Concord, Massachusetts

XX. SWAN - SONG

Beginning with the next issue, the News-Letter will have a new editor -- the mycologist we select to be the Secretary - Treasurer of the Society for the next three years.

During the past three years the News-Letter has grown greatly in size: during the next three years, may it also grow in quality. Nomination blanks are in your hands!

For your cooperation since September 1953, your editor says:

THANKS

PRE-REGISTRATION IS ESSENTIAL TO PROPER ASSIGNMENT OF FACILITIES: Do it now and avoid disappointment later!

(Please type or print all information)

REGISTRATION AND HOUSING APPLICATION

University of Connecticut meeting
August 26-30, 1956

Name:
(first) (middle) (surname)

Male ☐

Female ☐

Expected time of arrival:

Home Address:
(street)

By car at Storrs
(date) (hour)

(city) (zone) (state)

By train:

Full Names, Sex, Relationship of Members
of My Party:

Hartford
(date) (hour)

Springfield
(date) (hour)

By plane:

(Hartford-Springfield
Airport)
(date) (hour)

Professional Address:

Title:

Expected time of departure from
Storrs:
(date) (hour)

Institution:

Society Membership:

Please make reservations for
me in a University dormitory ☐

(1)

I will not require University
housing ☐

(2)

(3)

Remarks:

THE INFORMATION IS ESSENTIAL TO PROPER ASSESSMENT OF FACILITIES. Do not omit any details.
Classification: Internal

(Please type or print all information)

REGISTRATION AND HOUSING APPLICATION

University of Cambridge
August 20-30, 1950

☐ Male		☐ Female		Name: _____	
				(First) (Last) (Middle)	
Expected time of arrival:				Home Address: _____	
				(Street) (City) (State) (Zone)	
If car at disposal _____				Full Name, Sex, Relationship of Member or My Party: _____	
By train: _____				_____	
Hobart _____				_____	
(date) (hour)				_____	
Springfield _____				_____	
(date) (hour)				_____	
By plane: _____				Professional Address: _____	
Hartford-Springfield _____				_____	
(date) (hour)				_____	
Expected time of departure from _____				Title: _____	
(date) (hour)				Institution: _____	
Through what organization for _____				Society Membership: _____	
in a University territory _____				(1) _____	
☐ I will not register University _____				(2) _____	
housing _____				(3) _____	
				Remarks: _____	

